

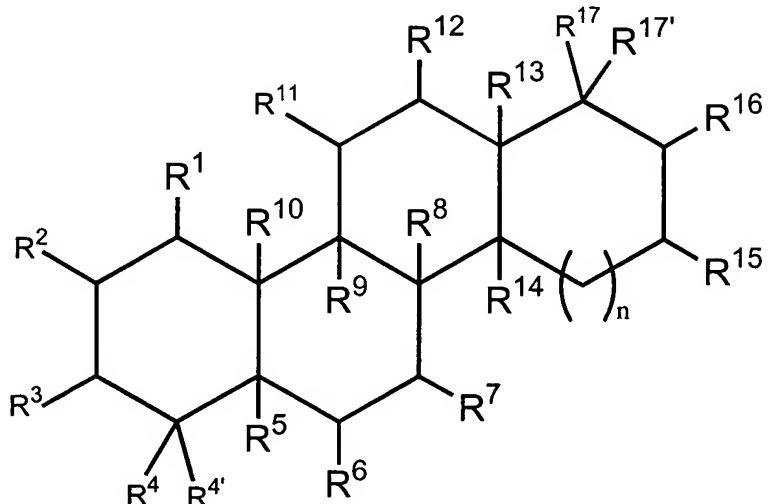
Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1 – 17. (Canceled)

18. (Currently Amended) A compound of the following formula:



wherein

each of R¹, R², R³, R⁴, R^{4'}, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹, R¹², R¹³, R¹⁴, R¹⁵, R¹⁶, and R^{17'}, independently, is hydrogen, hydroxy, amino, carboxyl, oxo, halo, sulfonic acid, -O-sulfonic acid, or alkyl that is optionally inserted with -NH-, -N(alkyl)-, -O-, -S-, -SO-, -SO₂-, -O-SO₂-⁻, -SO₂O-, -O-SO₃-, -SO₃O-, -CO-, -CO-O-, -O-CO-, -CO-NH-, -CO-N(alkyl)-, -NH-CO-, or -

N(alkyl)-CO-, and further optionally substituted with hydroxy, halo, amino, carboxyl, sulfonic acid, or -O-sulfonic acid;

each of R⁵, R⁸, R⁹, R¹⁰, R¹³, and R¹⁴, independently, is hydrogen, alkyl, haloalkyl, hydroxyalkyl, alkoxy, hydroxy, or amino;

R¹⁷ is -X-Y-Z, in which X is ~~a bond, or alkyl or alkenyl, optionally inserted with NH, N(alkyl), O, or S, and further optionally forming a cyclic moiety with R¹⁶ and the 2 ring carbon atoms to which R¹⁶ and R¹⁷ are bonded~~; Y is ~~CO, SO, SO₂, O, SO₂, SO₂O, O SO₃, SO₃O, CO O, O CO, CO NH, CO N(alkyl), NH CO, N(alkyl) CO, or a bond; and Z is alkyl, alkenyl, alkynyl, cycloalkyl, heterocycloalkyl, cycloalkenyl, heterocycloalkenyl, aryl, heteroaryl, aralkyl, or heteroaralkyl, and is substituted with -O-sulfonic acid, alkylsulfinyl, alkylsulfonyl, carboxyl or alkyloxycarbonyl; or Z is alkenyl and is optionally substituted with hydroxy, alkoxy, amino, halo, sulfonic acid, -O-sulfonic acid, carboxyl, oxo, alkyloxycarbonyl, alkylcarbonyloxy, alkylaminocarbonyl, alkylcarbonylamino, alkylcarbonyl, alkylsulfinyl, alkylsulfonyl, or alkylthio; or is CH(A)B with A being an amino acid side chain containing an aromatic moiety, and B being hydrogen, NR^aR^b, or COOR^e wherein each of R^a, R^b, and R^e, independently, is hydrogen or alkyl; and~~

n is 0, 1, or 2;

provided that when Z is substituted with carboxyl or alkyloxycarbonyl, Y is a bond and either X or Z contains at least one double bond, and that when Y is a bond, either X is ~~NH alkyl, NH alkenyl, N(alkyl) alkyl, N(alkyl) alkenyl, O alkyl, O alkenyl, S alkyl, or S alkenyl~~; or Z is substituted with ~~halo, sulfonic acid, O sulfonic acid, alkylsulfinyl, or alkylsulfonyl~~, or is ~~alkenyl~~, or a salt thereof.

19. (Cancelled)

20. (Original) The compound of claim 18, wherein each of R³ and R⁶, independently, is hydroxy, amino, carboxyl, halo, sulfonic acid, -O-sulfonic acid, or alkyl, and is in the α -configuration.

21. (Original) The compound of claim 18, wherein R⁵ is hydrogen and is in the β -configuration.

22. (Original) The compound of claim 18, wherein each of R¹, R², R³, R⁴, R^{4'}, R⁶, R⁷, R¹¹, R¹², R¹⁵, R¹⁶, and R^{17'}, independently, is hydrogen, hydroxy, oxo, halo, sulfonic acid, -O-sulfonic acid, or alkyl.

23. (Withdrawn) The compound of claim 22, wherein each of R¹, R², R³, R⁴, R^{4'}, R⁶, R⁷, R¹¹, R¹², R¹⁵, R¹⁶, and R^{17'}, independently, is hydrogen, hydroxy, or oxo; and each of R⁵, R⁸, R⁹, R¹⁰, R¹³, and R¹⁴, independently, is hydrogen or hydroxy.

24 – 28. (Canceled)

29. (Currently Amended) The compound of claim 28 18, wherein Z is alkyl, alkenyl, aryl, heteroaryl, aralkyl, or heteroaralkyl, and is substituted with carboxyl, -O-sulfonic acid, alkylsulfinyl, or alkylsulfonyl; or Z is alkenyl, and is optionally substituted with hydroxy, alkoxy, halo, sulfonic acid, carboxyl, -O-sulfonic acid, alkylsulfinyl, or alkylsulfonyl; or is CH(A)B.

30. (Cancelled)

31. (Original) The compound of claim 18, wherein R¹⁷ contains a straight chain having 6-20 chain atoms.

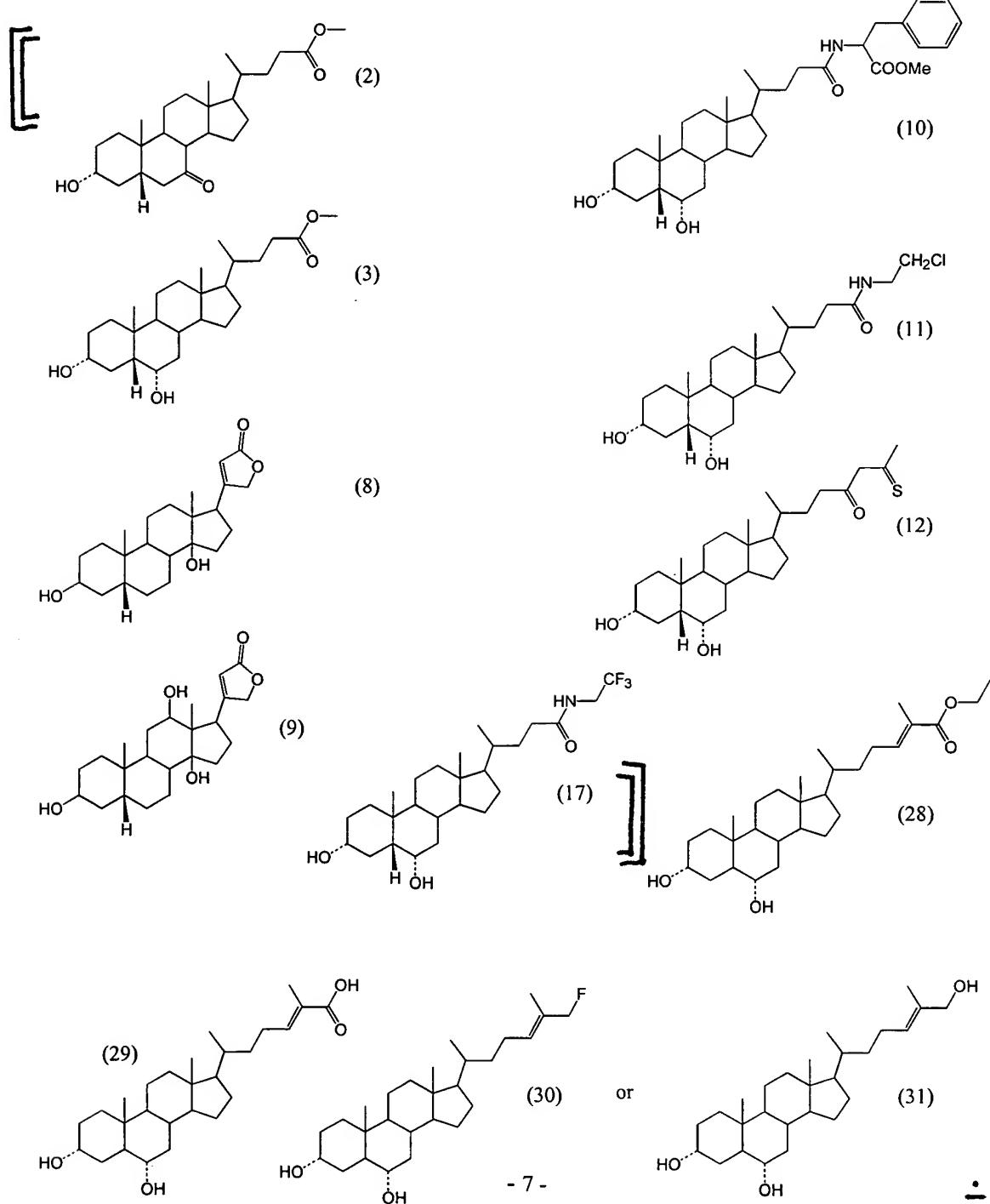
32. (Original) The compound of claim 31, wherein R¹⁷ contains a straight chain having 8-16 chain atoms.

33. (Withdrawn) The compound of claim 18, wherein X is -CH(CH₃)-CH₂-, Y is a bond, and Z is -CH₂-CH=C(R')(CH₃) with R' being hydroxy, alkoxy, amino, halo, sulfonic acid, -O-sulfonic acid, carboxyl, oxo, alkyloxycarbonyl, alkylcarbonyloxy, alkylaminocarbonyl, alkylcarbonylamino, alkylcarbonyl, alkylsulfinyl, alkylsulfonyl, or alkylthio.

34. (Currently Amended) The compound of claim 18, wherein said compound is:

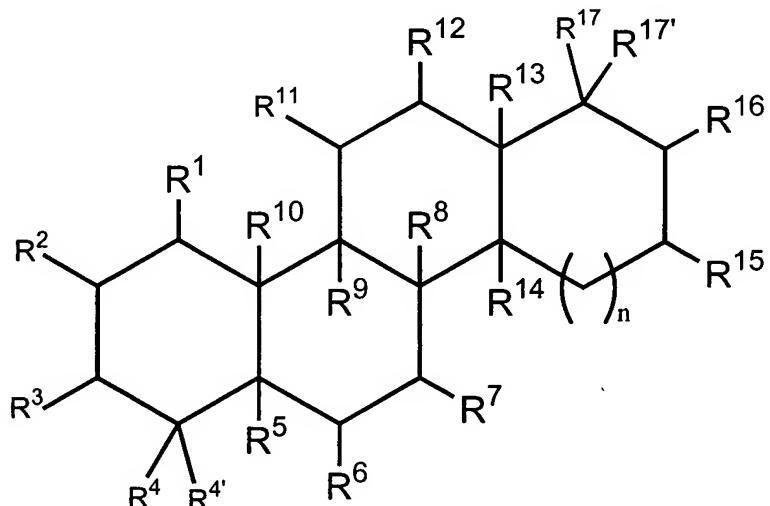
Applicant : Shutsung Liao et al.
Serial No. : 10/705,398
Filed : November 10, 2003
Page : 7 of 15

Attorney's Docket No.: 10634-002002 / UCHI 751
Cont.



35 – 64. (Cancelled)

65. (Currently Amended) A pharmaceutical composition for treating a UR- or a LXR-mediated disorder, said composition comprising a pharmaceutically acceptable carrier and an effective amount of a compound of the following formula:



wherein

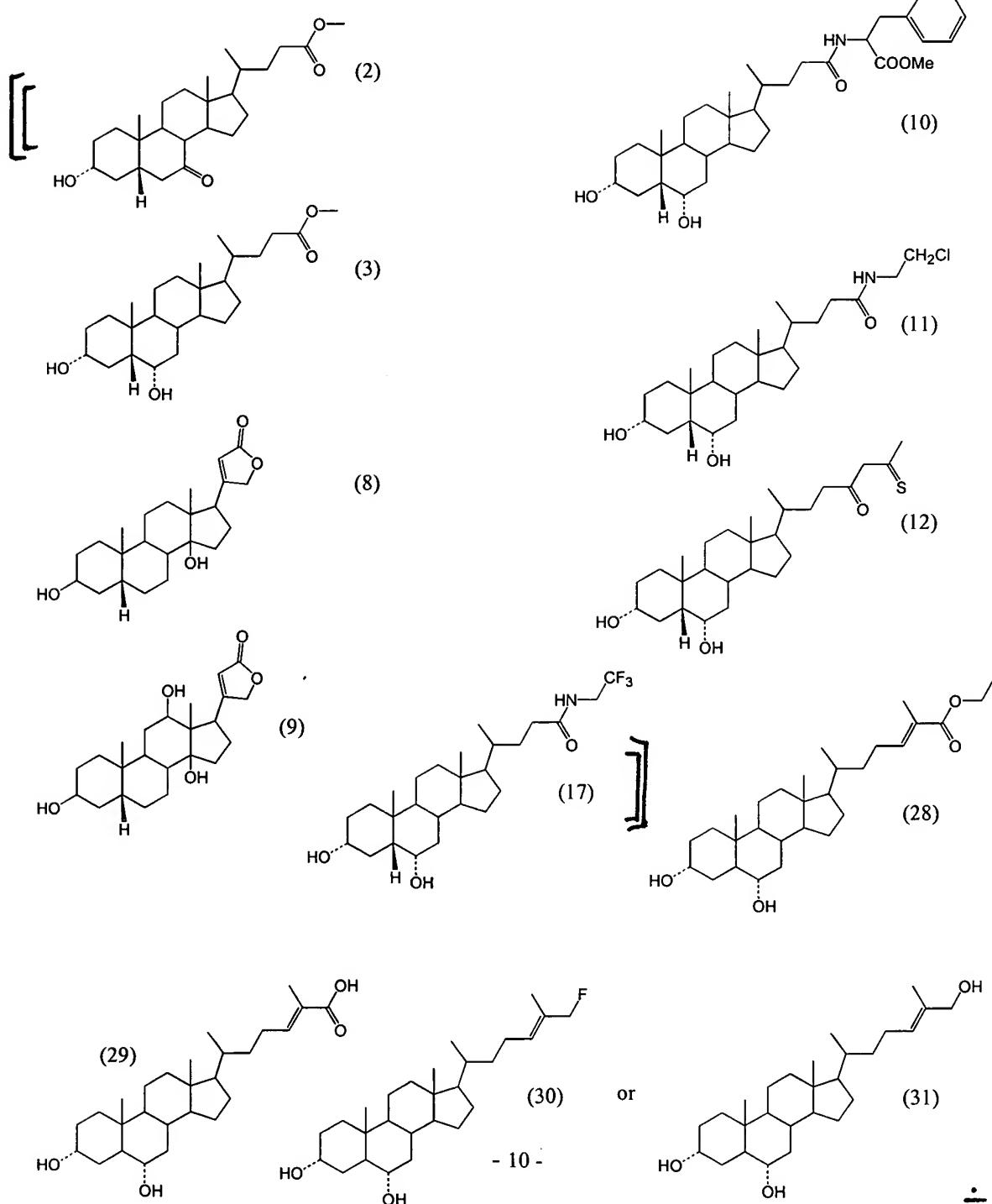
each of R¹, R², R³, R⁴, R^{4'}, R⁶, R⁷, R¹¹, R¹², R¹⁵, R¹⁶, and R^{17'}, independently, is hydrogen, hydroxy, amino, carboxyl, oxo, halo, sulfonic acid, -O-sulfonic acid, or alkyl that is optionally inserted with -NH-, -N(alkyl)-, -O-, -S-, -SO-, -SO₂-, -O-SO₂- , -SO₂-O-, -O-SO₃-, -SO₃-O-, -CO-, -CO-O-, -O-CO-, -CO-NH-, -CO-N(alkyl)-, -NH-CO-, or -N(alkyl)-CO-, and further optionally substituted with hydroxy, halo, amino, carboxyl, sulfonic acid, or -O-sulfonic acid;

each of R⁵, R⁸, R⁹, R¹⁰, R¹³, and R¹⁴, independently, is hydrogen, alkyl, haloalkyl, hydroxyalkyl, alkoxy, hydroxy, or amino;

R^{17} is $-X-Y-Z$, in which X is ~~a bond, or alkyl or alkenyl, optionally inserted with~~ NH , $N(alkyl)$, O , or S , and further optionally forming a cyclic moiety with R^{16} and the 2 ring carbon atoms to which R^{16} and R^{17} are bonded; Y is ~~CO~~, SO , SO_2 , O , SO_2 , SO_2O , $O SO_3$, SO_3O , $CO O$, $O CO$, $CO NH$, $CO N(alkyl)$, $NH CO$, $N(alkyl) CO$, or a bond; and Z is alkyl, alkenyl, alkynyl, cycloalkyl, heterocycloalkyl, cycloalkenyl, heterocycloalkenyl, aryl, heteroaryl, aralkyl, or heteroaralkyl, and is substituted with -O-sulfonic acid, alkylsulfinyl, alkylsulfonyl, carboxyl or alkyloxycarbonyl; or Z is alkenyl and is optionally substituted with hydroxy, alkoxy, amino, halo, sulfonic acid, -O-sulfonic acid, carboxyl, oxo, alkyloxycarbonyl, alkylcarbonyloxy, alkylaminocarbonyl, alkylcarbonylamino, alkylcarbonyl, alkylsulfinyl, alkylsulfonyl, or alkylthio; or is $CH(A)B$ with A being an amino acid side chain containing an aromatic moiety, and B being hydrogen, NR^aR^b , or $COOR^e$ wherein each of R^a , R^b , and R^e , independently, is hydrogen or alkyl; and n is 0, 1, or 2;

provided that when Z is substituted with carboxyl or alkyloxycarbonyl, Y is a bond and either X or Z contains at least one double bond, ~~and that when Y is a bond, either X is NH alkyl, NH alkenyl, N(alkyl) alkyl, N(alkyl) alkenyl, O alkyl, O alkenyl, S alkyl, or S alkenyl; or Z is substituted with halo, sulfonic acid, O sulfonic acid, alkylsulfinyl, or alkylsulfonyl, or is alkenyl; or a salt thereof.~~

66. (Currently Amended) The composition of claim 65, wherein said compound is:



Applicant : Shutsung Liao et al.
Serial No. : 10/705,398
Filed : November 10, 2003
Page : 11 of 15

Attorney's Docket No.: 10634-002002 / UCHI 751
Cont.

67-68. (Cancelled)